

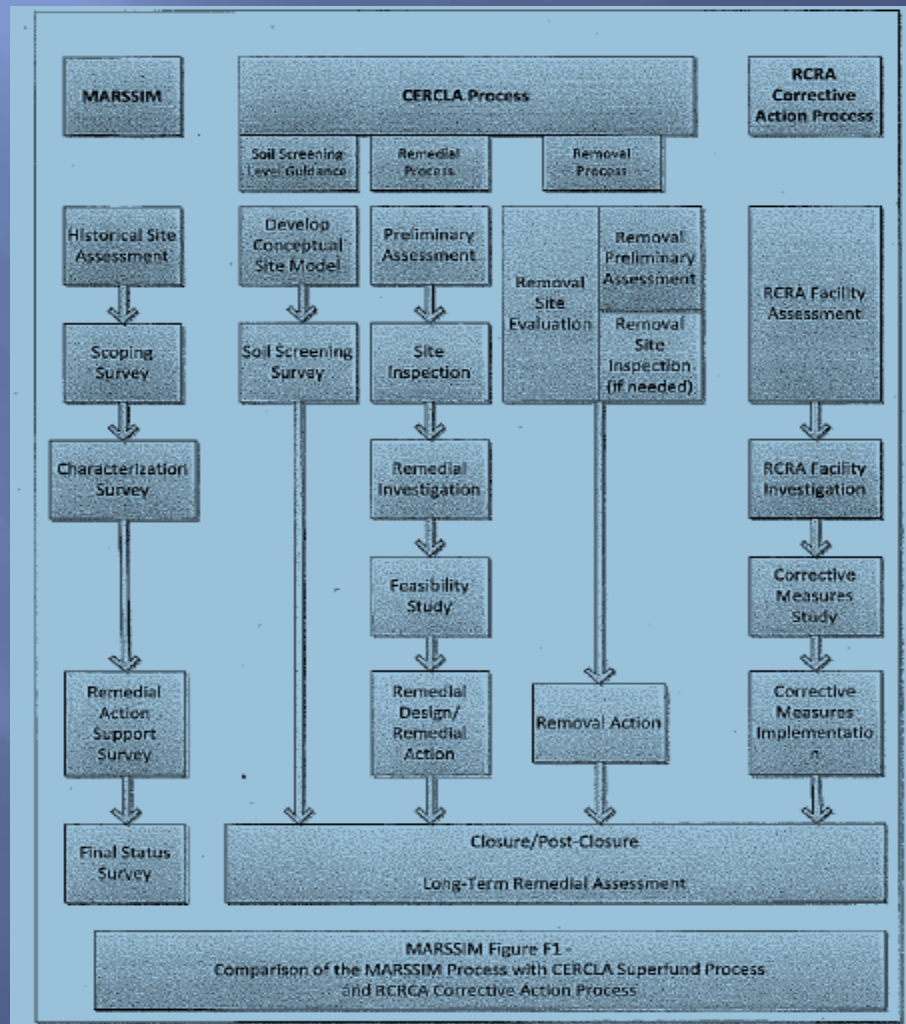
VERMONT YANKEE NUCLEAR DECOMMISSIONING CITIZENS ADVISORY PANEL

State of Vermont
Review of
Entergy Vermont Yankee
October 2014 Site Assessment Study
Presented by
David Mears, Commissioner
November 20, 2014

DOCUMENTS REVIEWED

- October 2014 Site Assessment Study
 - Main Text
 - Appendix F-Non-Radiological
Historical Site Assessment
 - Appendix G-Current Permits &
Historical Release Information
- 6/4/01 Environmental Compliance
Services, Inc. Phase 1 & Phase 2
Environmental Site Assessment
(follows ASTM Real Estate Transfer Standard)

ENVY FOLLOWED MARSSIM GUIDE MIMICS CERCLA/RCRA PROCESS SITE ASSESSMENT STUDY AT PA STEP



DECOMMISSIONING RESPONSIBILITIES

- Decommissioning Fund - NRC and PSD
- Radiological Issues – NRC & VDH
- Lead & Asbestos Abatement – VDH Asbestos & Lead Regulatory Program
- PCBs - EPA TSCA & DEC WM&PD
- *Hazardous Waste Disposal – DEC WM&PD (RCRA)*
- *Hazardous Materials Release Assessment & Cleanup – DEC WM&PD*

NON-RADIOLOGICAL HISTORICAL SITE ASSESSMENT RELIED ON THE FOLLOWING

- ECS Phase 1 & Phase 2 ESA (6/4/2001)
- Incident reports
- Federal Regulation 10 CFR 50.75(g) reports
- American Nuclear Insurer (ANI) inspection reports
- Company records of leaks, spills, etc.
- WM&PD database records (sites, spills)
- Permit records
- Interviews of current & former employees
- Inspections of VY Potentially Impacted Areas

POTENTIALLY IMPACTED AREAS (134 IDENTIFIED)

Classification System

Class 1 – Highest Potential Impacts (previous releases)
Most Characterization during decommissioning &
Highest Potential to Require Remediation (11)

Class 2 - Potential Impacts
High Level of Characterization but less likely to
require remediation (52)

Class 3 – Lowest Potential Impacts
Area unlikely to Require Remediation (71)

POTENTIALLY IMPACTED AREAS (134 IDENTIFIED)

- No Area is Deemed Imminent Threat to Human Health or the Environment
- Each Area to be Characterized and/or Remediated as it becomes more accessible during decommissioning
- Exact Requirements for future work based on Regulatory Standards and ENVY/PSD Settlement Agreement
- State Issuing Comments on Site Assessment Study to Accompany PSDAR

POTENTIALLY IMPACTED AREAS (134 IDENTIFIED)

Class 1 Areas (11)

- Lead Paint, Asbestos, Mercury Components (3)
- Former 5000 ga UST (and Dry Cleaner)
Assess piping, soils, and GW
- Transformers (Main, Spare Main, Auxiliary, Auto)
Assess soils for TPH and PCBs
- Chemistry Lab Sink Drain Leak (Metals, VOCs, etc.)
- Off-site Areas (298 Governor Hunt Rd. (asbestos) & former Edson's Gulf Property(maintenance))